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Atty Dkt No. 8500-0267  
PATENT

April 22, 2002  
4-22-02  
Date  
Signature

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Application of:  
Ronald E. PELRINE et al



Serial No.: 10/066,407

Group Art Unit: 3753

Filing Date: January 31, 2002

Examiner: Unassigned

Title: DEVICES AND METHODS FOR CONTROLLING FLUID FLOW USING ELASTIC SHEET DEFLECTION

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Washington, DC 20231

Sir:

This is an Information Disclosure Statement submitted for the Examiner's consideration. Applicants respectfully request that the Examiner review and make of record the references identified below.

A PTO-1449 form listing the references accompanies this paper. Applicants would appreciate the Examiner's initialing and returning the form to indicate that the references have been reviewed and made of record. The references are as follows:

U.S. PATENT DOCUMENTS		
Patent No.	Issue Date	Patentee
Serial No. 10/059,033	Filed 1/29/02	Pelrine et al.
4,869,282	9/26/89	Sittler et al.
5,368,704	11/29/94	Madou et al.
5,876,675	3/2/99	Kennedy
6,117,396	9/12/00	Demers
6,268,219	7/31/01	McBride et al.

FOREIGN PATENT DOCUMENTS		
Document No.	Publication Date	Country
WO 98/35529	8/13/98	PCT
WO 01/01025	1/4/01	PCT
WO 01/06575	1/25/01	PCT
WO 01/06579	1/25/01	PCT
WO 01/58973	8/16/01	PCT
WO 01/59852	8/16/01	PCT

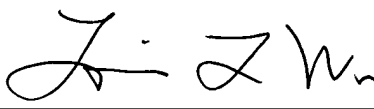
OTHER DOCUMENTS
Pelrine et al. (2000), "High-Speed Electrically Actuated Elastomers with Strain Greater than 100%," <i>Science</i> 287:836-839.
Unger et al. (2000), "Monolithic Microfabricated Valves and Pumps by Multilayer Soft Lithography," <i>Science</i> 288:113-116.
Whitesides et al. (2001), "Flexible Methods for Microfluidics," <i>Physics Today</i> 52(6):42-47.

The first reference identified above and as listed on the attached PTO-1449 form as Reference No. AA is a U.S. patent application, and, as such, a copy is not included pursuant to 37 CFR § 1.98(a)(2)(iii).

This Information Disclosure Statement is not intended as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any of the above references constitutes prior art to the present application within the meaning of 35 USC § 102.

As applicants have not yet received a first Action on the merits, no fee is required for filing this Information Disclosure Statement. If, however, the PTO finds that for some reason a fee is found to be necessary, our Deposit Account No. 18-0580 may be charged therefor. **A duplicate copy of this paper is enclosed.**

Respectfully submitted,

By: 

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